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Application Number 09/954,646

Sheet 2 of 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many about as necessary)

Application Number	09/954,646		
Filing Date	September 18, 2001		
First Named Inventor	Seth A. Foerster et al.		
Group Art Unit	3737		
Examiner Name	E. Mantis Mercader		
Attorney Docket Number	END -777		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	l i	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(e), volume-issue number(e).					
Examiner's	Cito						
nitials*	No.1	publisher, city and/or country where published					
14 118		WANG HOM-LAY et al. "Evaluation of an Absorable Collagen Membrane in Treating Class II Furcation					
111 MZ		Codectach co. 1029-1038   Maximular 1994.					
<del></del>		RECORMY M. REGINA et al. "Biodecradable Polyaster Polymers as Drug Carriers", Pp 1-25.					
		SWADBUCK JAMES and BOY AN JAMES, "Bloabsorbable Polymers," The Encyclopedia of					
- 1		Pharmaceutical Technology, Vol. 1, Absorption of Druce to Bloabiliability of Drugs and Bloaquivalence. New					
	1	Vork and Rosel Pn 485-478					
<del></del>		PARK, KINAM; SHALABY, WALEED AND PARK HAESUN. "Blodegradable Hydrogets for Drug Delivery."					
1		Purdue University School of Pharmacy. Pp. 13-19.  TSCHAKALOFF A. et al. "Degradation Kinetics of Biodegradable Implants depending on the site of					
	<b>!</b>						
1		ISCHOOLOTT A. B. E. DOUBSERN PURSON OF DISCHOOLS TO BE STANDARD OF STANDARD OF STANDARD STAND					
		Implantation," Int. Journal of Oral & Martiofacial Surgery, 1994. Pp. 443-445.					
		VERT, MICHEL MAUDUIT, JACOUES AND LI, SUMING. "Blodegredation of PLAYGA Polymers Increasing					
		complexity." Biometerials 1994 Vol. 15. No. 15. Pp. 1209-1213.					
7	1	HOFFMAN, G.O. "Blodegradable Implants in Yraumstology A Review on the State-of-the Art." Arch Cathon					
		Trauma Surgery, 1995 Pp. 114: 123-132.					
· · ·		BOSTMAN, O. AND PIHLAJAMAKI, H. * Clinical Biocompatibility of Biodegradable Orthopsedic Implants for					
	<u> </u>	Internal Fourtion." Biomaterials 21 (2000) Pp. 2815-2821.					
		ALONSO, MARIA J., GUPTA, RAJESH K. et al. "Biodegradable Microspheres as Controlled-Release					
- 1	l	Telepius Tavald Balluary Sustains * Viccine 1994 Vol. 12 No. 4, Pb. 299-304.					
		I AN VIEHUELH, WOOLE, SHANE K., FRIEDMAN, RICHARD, "Pre-divices in vivo evaluation of I					
1	1	Cothangartic Ringhenthable Devines.* Rinmsterials 21 (2000) Pb. 2635-2662.					
	1	I MOONEY D.J. at at "Transplantation of Hepatocytes Using Porcus, Biodegradable Sponges."					
	1	1. Tennentestriles Descriptives Vol. 28 No. 8 Dec. 1994' Pt. 3425-3426.					
	<del> </del>	Temporator reliable E et al. Preprodution Rates of Polymers and Coccement of Polyacoc and					
- 1 .	1	Polyphycolic Acids.* U.S. Army Institute of Dental Research, Watter Reed Army Medical Center, Washington,					
- 1	1	10.00 142.484					
	<del>                                     </del>	KULKARNI, R. K. PHD. Et al.; "Polytactic Acid for Surgical Implants." Arch Surgery. Vol. 93, Nov. 1968 Pp.					
- 1	ł	1 990 843					
<del></del>	┼	KULKARNI, R. K. PHD. Et al.; "Biodegradable Poly(tactic acid) Polymers." U.S. Army Institute of Dental					
1	1	Research, Walter Reed Army Medical Center, Washington, D. C. (1971) Vol. 5, Pp. 159-181					
<del></del>	-	CHASIN, MARK AND LANGER, ROBERT LEWIS, DANNY H. "Blodegradable Polymers as Drug Delivery					
1	1	Systems.* Controlled Release of Bloactive Agents from Lactide/Glycotide Polymers Ch. 1 Pp -41 (1990).					
1	1	And BOGDANSHY, SIMON "Natural Polymers as Drug Delivery Systems." Pp. 231-259.					
		HUANG, SAMUEL J. et al.; "Hydrophilic-Hydrophobic Blodegradable Polymers: Release characteristics of					
1 .		Hydrogen-Banded, Ring-Containing Polymer Matrices. (1994) Blomaterials (1994, Vol. 15 No. 15 Pp. 1243					
l l	1						
		1247.  BECKER, PAUL L. * Comparison of Antiblotic Release from Polymethimetharytate Beads and Sponge					
		BECKER, PAUL L. COMPARSON OF ANIBODIC RESEASE FOR PONTINETHINGUILIYED DOGGE SHO SPOTHS					
	ـــ	Collegen, Lournel of Orthopsedic Research. (1994) Vol. 12, No. 5.  MACKINNON, SUSAN E. "Clinical Nerve Reconstruction with a Bloabsorbable Polyglycolic Add Tube."					
- 1	l	MACKINNUM, SUSAN E. CURIER NOVO RECURSUSCION WILL B DUGUSCIONES VOYDYCES PER 1000					
	<del></del>	Plastic and Reconstructive Surgery, March 1990.					
1	NAKAMURA T., et al. * New Bloabsorbable Pledgats and Non-Woven Fabrics Made from Polygycus (PGA) for Putmonery Surgery. Circled Experience. * Thoract Cardiovascuter Surgeons. (1990) Pp. 81-85  TONG XIAC-LIE et al. * Science Nerve Regeneration Navigated by Laminin-Faronectin Double Coat						
<u> </u>							
-1							
	<u></u>	Biodegradable Collegen Grafts in Rats." BRAIN RESEARCH 663 (1994) Pp. 155-162.					
	T	MATSUSUE, YOSHITAKA, et al.; "In Vitro and In Vivo Studies on Bloabsorbable Ultra-High-Strength Poly					
	l	(L-Lactide) Rods." Journal of Biomedical Materials Research (1992) Vol. 26, Pp. 1553-1567.					
	T	HUTMACHER, DIETMAR. "A Review of Material Properties of Biodegradable and Bioresorbable Polymers					
	/ I						
d	1	and Devices for GTR and GBR Appacations. The diagnational Journal of Craft & Macadaston Superior					
d		(1996) Vol. 17No 5, Pp. 687-878.					

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Application Number

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Piling Date

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First Named Inventor

Seth A. Foerster et al.

Group Art Unit

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Sheet 3 of 3

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Examiner's Initials*	Cite No.1	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue-number(s), publisher, city and/or country where published	T³
me		PARK, KINAM et al.; "Bladegradable Hydrogels for Drug Delivery." Purdus University, School of Sharmacy. Pp. 2-28	
		CHU. C.C. and DUMITRIU, SEVERIAN <u>Polymeric Blomaterials 2<sup>od</sup> ed.</u> Blodegradable Blomaterials Having Nitric Oxide Blological Activity.* Ch. 5. Pp 123-124. and ROKKANEN, PENTTI U. * Bloebsorbable Polymers for Medical Applications with an Emphasis on Orthopedic Surgery. Ch. 20 Pp. 545-547.	
		MIDOLETON, John C. and TIPTON, ARTHURL; "Synthetic Blodegradable Polymers as Medical Devices."  (March 1898) Pp. 1-14 of website: http://www.devicelink.com/mph/archive/88/03/002.html. 08-28-2002.	
1		TSURUTA, TEUI ; KIMURA, YOSHIBARU Et al. "Blomadical Applications of Polymeric Materials." 1993 Pp. 184-188.	
$\top$		PARKER, STEVE H. and KLAUS, ANITA J. "Performing a Breast Blopsy with A Directional, Vacuum-Assisted Blopsy instrument." From the RSNA Refresher Courses-Continuing Education (1997) Vol. 17 No. 5 pp. 1233-1252.	
l		LEONARD, CHARLES MD. Et al. "Use of Ultrasound to Guide Radiation Boost Planning Following Lumpectorny for Carcinoma of The Brasst." (Aug. 1983) International Radiation Oncology Biology, Phys., Vol. 27, pp. 1183-1197.	
	<del> </del>		

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are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no person Complete If Known OCT 03 2005 Substitute for form 1449A-PT Application No. 09/954,646 9/18/2001 Filing Date INFORMATION DISCLOS First Named Inventor Foerster STATEMENT BY APPLICANT 3737 Art. Unit Eleni M. Mantis Mercader **Examiner Name** (Use as many sheets as necessary)

Attorney Docket No.

		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TO
	No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code (if known)				
me	23.	WO 9810712	03/1998			

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
MR	24.	CLARKSON, P.: "Sponge Implants for Flat Breasts," Proceedings of the Royal Society of Medicine, Vol. 53 at 880-881 (1960)		
	25.	FOURNIER et al: "Experimental Studies and Preliminary Clinical Trial of Vinorelbine-loaded Polymeric Bioresorbable Implants for the Local Treatment of Solid Tumors", Cancer Research 51, pp. 5384-5391, October 1, 1991		
1	26.	PANGMAN, W.J. and WALLACE, R.M.: "The Use of Plastic Prosthesis in Breast Plastic and Other Soft Tissue Surgery," The Western Journal of Surgery, Obstetrics and Gynecology at 508 (August 1955)		
-1	27.	PARK, KINAM et al.; "Biodegradable Hydrogels for Drug Delivery," Purdue University School of Pharmacy, pp. 2-28		

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and r Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emporor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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